

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A domain name system inquiry apparatus comprising:

current location information receiving means for receiving location information of the apparatus itself on a connected network;

current location management means for storing location information received by said current location information receiving means;

server information receiving means for receiving server information regarding a domain name system server to which an inquiry can be made, said server information including an IP address;

server management means for storing the server information received by said server information receiving means;

request receiving means for receiving an inquiry request to a domain name system server from a client;

request transferring means for transferring the inquiry request received by said request receiving means to at least one domain name system server ~~determined on the basis~~ based on at least one of said location information ~~and/or~~ and said server information;

response receiving means for receiving a response to the inquiry request transferred by said request transferring means;

server information changing means for rewriting said server information when rewriting of said server information occurs by the response received by said response receiving means; and

request responding means for selecting a response result corresponding to said inquiry request based at least on the IP address included in the basis of this server information and for sending the selected response result to said client.

Claim 2 (Currently Amended): A domain name system inquiry apparatus according to Claim 1, further comprising:

algorithm receiving means for receiving an algorithm for selecting said response result;

algorithm management means for storing the algorithm received by said algorithm receiving means; and

algorithm processing ~~section~~ means for selecting a the response result in said request responding means by using the algorithm stored in said algorithm management means.

Claim 3 (Currently Amended): A domain name system inquiry method comprising:

a first step of receiving the location information of an apparatus itself on a connected network;

a second step of storing the location information received in said first step;

a third step of receiving server information regarding a domain name system server to which an inquiry can be made, said server information including an IP address;

a fourth step of storing the server information received in said third step;

a fifth step of receiving an inquiry request to a domain name system server from a client;

a sixth step of transferring the inquiry request received in said fifth step to at least one domain name system server ~~determined on the basis~~ based on at least one of said location information ~~and/or~~ and said server information;

a seventh step of receiving a response to the inquiry request transferred in said sixth step;

an eighth step of rewriting said server information when rewriting of said server information occurs by the response received in said seventh step; and

a ninth step of selecting a response result to said inquiry request based at least on the IP address included in the ~~basis of this~~ server information and sending the selected response result to said client.

Claim 4 (Original): A domain name system inquiry method according to Claim 3, further comprising:

a tenth step of receiving an algorithm for selecting said response result;
an eleventh step of storing the algorithm received in said tenth step; and
a twelfth step of selecting the response result in said ninth step by using the algorithm stored in said eleventh step.

Claim 5 (Currently Amended): A computer-readable recording medium having a domain name system inquiry method recorded therein, the domain name system inquiry method comprising:

a first step of receiving the location information of an apparatus itself on a connected network;

a second step of storing the location information received in said first step;

a third step of receiving server information regarding a domain name system server to which an inquiry can be made, said server information including an IP address;

a fourth step of storing the server information received in said third step;

a fifth step of receiving an inquiry request to a domain name system server from a client;

a sixth step of transferring the inquiry request received in said fifth step to at least one domain name system server ~~determined on the basis~~ based on at least one of said location information ~~and/or~~ and said server information;

a seventh step of receiving a response to the inquiry request transferred in said sixth step;

an eighth step of rewriting said server information when rewriting of said server information occurs by the response received in said seventh step; and

a ninth step of selecting a response result to said inquiry request based at least on the IP address included in the ~~basis of this~~ server information and sending the response result to said client.

Claim 6 (Currently Amended): A domain name system inquiry apparatus comprising:

current location information receiving mechanism configured to receive location information of the apparatus itself on a connected network;

current location management mechanism configured to store location information received by said current location information receiving mechanism;

server information receiving mechanism configured to receive server information regarding a domain name system server to which an inquiry can be made, said server information including an IP address;

server management mechanism configured to store the server information received by said server information receiving mechanism;

request receiving mechanism configured to receive an inquiry request to a domain name system server from a client;

request transferring mechanism configured to transfer the inquiry request received by said request receiving mechanism to at least one domain name system server ~~determined on the basis~~ based on at least one of said location information ~~and/or~~ and said server information;

response receiving mechanism configured to receive a response to the inquiry request transferred by said request transferring mechanism;

server information changing mechanism configured to rewrite said server information when rewriting of said server information occurs by the response received by said response receiving mechanism; and

request responding mechanism configured to select a response result corresponding to said inquiry request based at least on the IP address included in the ~~basis of this~~ server information and for sending the response result to said client.

Claim 7 (Currently Amended): A domain name system inquiry apparatus according to Claim 5, further comprising:

algorithm receiving mechanism configured to receive an algorithm for selecting said response result;

algorithm management mechanism configured to store the algorithm received by said algorithm receiving mechanism; and

algorithm processing section mechanism configured to select a the response result in said request responding mechanism by using the algorithm stored in said algorithm management mechanism.

Claim 8 (New): A domain name system inquiry apparatus comprising:

- current location information receiving means for receiving location information of the apparatus itself on a connected network;
- current location management means for storing location information received by said current location information receiving means;
- server information receiving means for receiving server information regarding a domain name system server to which an inquiry can be made, said server information including a failure counter;
- server management means for storing the server information received by said server information receiving means;
- request receiving means for receiving an inquiry request to a domain name system server from a client;
- request transferring means for transferring the inquiry request received by said request receiving means to at least one domain name system server based on at least one of said location information and said server information;
- response receiving means for receiving more than one response to the inquiry request transferred by said request transferring means;
- server information changing means for rewriting said failure counter based on at least one of the more than one response received by said response receiving means;
- and

request responding means for selecting a particular one response from the more than one response to the inquiry request based at least in part on the failure counter included in the server information and for sending the particular one response to said client.

Claim 9 (New): A domain name system inquiry apparatus according to Claim 8, further comprising:

algorithm receiving means for receiving an algorithm for selecting said particular one response result;

algorithm management means for storing the algorithm received by said algorithm receiving means; and

algorithm processing means for selecting said particular one response result in said request responding means by using the algorithm stored in said algorithm management means.

Claim 10 (New): A domain name system inquiry method comprising:

receiving location information of an apparatus itself on a connected network;

storing the received location information;

receiving server information regarding a domain name system server to which an inquiry can be made, said server information including a failure counter;

storing the received server information;

receiving an inquiry request to a domain name system server from a client;

transferring the received inquiry request to at least one domain name system server based on at least one of said location information and said server information;

receiving more than one response to the transferred inquiry request;

rewriting said failure counter based on at least one of the more than one received response; and

selecting a particular one response from the more than one received response based at least in part on the failure counter included in the server information and sending the particular one response result to said client.

Claim 11 (New): A domain name system inquiry method according to Claim 10, further comprising:

receiving an algorithm for selecting said particular one response result;
storing the received algorithm; and
selecting the particular one response result by using the stored algorithm.

Claim 12 (New): A computer-readable recording medium having a domain name system inquiry method recorded therein, the domain name system inquiry method comprising:

receiving the location information of an apparatus itself on a connected network;
storing the received location information;
receiving server information regarding a domain name system server to which an inquiry can be made, said server information including a failure counter;
storing the received server information;
receiving an inquiry request to a domain name system server from a client;
transferring the received inquiry request to at least one domain name system server based on at least one of said location information and said server information;
receiving more than one response to the transferred inquiry request;

rewriting said failure counter based on at least one of the more than one received response; and

selecting a particular one response from the more than one received response based at least in part on the failure counter included in the server information and sending the particular one response result to said client.

Claim 13 (New): A domain name system inquiry apparatus comprising:

a current location information receiving mechanism configured to receive location information of the apparatus itself on a connected network;

a current location management mechanism configured to store location information received by said current location information receiving mechanism;

a server information receiving mechanism configured to receive server information regarding a domain name system server to which an inquiry can be made, said server information including a failure counter;

a server management mechanism configured to store the server information received by said server information receiving mechanism;

a request receiving mechanism configured to receive an inquiry request to a domain name system server from a client;

a request transferring mechanism configured to transfer the inquiry request received by said request receiving mechanism to at least one domain name system server based on at least one of said location information and said server information;

a response receiving mechanism configured to receive more than one response to the inquiry request transferred by said request transferring mechanism;

a server information changing mechanism configured to rewrite said failure counter based on at least one of the more than one response received by said response receiving mechanism; and

a request responding mechanism configured to select a particular one response from the more than one response to said inquiry request based at least in part on the failure counter included in the server information and for sending the particular one response to said client.

Claim 14 (New): A domain name system inquiry apparatus according to Claim 13, further comprising:

an algorithm receiving mechanism configured to receive an algorithm for selecting said particular one response result;

an algorithm management mechanism configured to store the algorithm received by said algorithm receiving mechanism; and

an algorithm processing mechanism configured to select the particular one response result in said request responding mechanism by using the algorithm stored in said algorithm management mechanism.